

DAO Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21416c**Specification**

DAO Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P14920
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	39474

DAO Antibody (Center) - Additional Information**Gene ID** 1610**Other Names**

D-amino-acid oxidase, DAAO, DAMOX, DAO, DAO, DAMOX

Target/Specificity

This DAO antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 216-248 amino acids from the Central region of human DAO.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DAO Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

DAO Antibody (Center) - Protein Information**Name** DAO**Synonyms** DAMOX

Function Regulates the level of the neuromodulator D-serine in the brain. Has high activity towards D-DOPA and contributes to dopamine synthesis. Could act as a detoxifying agent which

removes D-amino acids accumulated during aging. Acts on a variety of D-amino acids with a preference for those having small hydrophobic side chains followed by those bearing polar, aromatic, and basic groups. Does not act on acidic amino acids.

Cellular Location

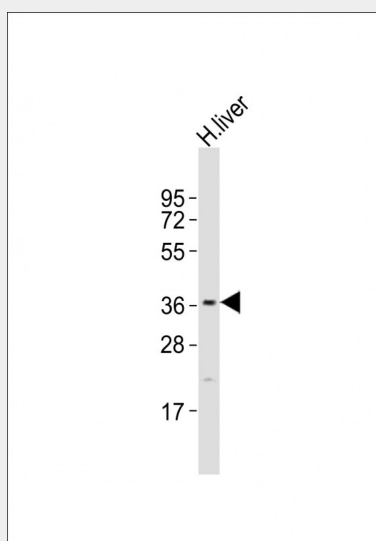
Peroxisome.

DAO Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DAO Antibody (Center) - Images



Anti-DAO Antibody (Center) at 1:2000 dilution + human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 39 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

DAO Antibody (Center) - Background

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DAO Antibody (Center) - References

Momoi K., et al. FEBS Lett. 238:180-184(1988).

Momoi K.,et al.Submitted (SEP-1990) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

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Fukui K.,et al.J. Biol. Chem. 267:18631-18638(1992).